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PATENT  
P56885IN THE CLAIM

No claim has been amended.

1           1. (Previously Presented) A process for quantitating a human DNA in a sample, said  
2 process comprising the steps of:  
3           providing a sample to be analyzed;  
4           amplifying predetermined genomic DNA of an *Alu* element subfamily by using primers,  
5 said *Alu* element subfamily being more enriched in the human genome than in any non-human  
6 primate genom, the amplification being intra-*Alu* polymerase chain reaction amplification; and  
7           measuring the amount of the human DNA by comparing the amplified DNA with a  
8 reference to quantitate the human DNA in the sample.

1           2. (Canceled)

1           3. (Canceled)

1           4. (Canceled)

1           5. (Previously Presented) The process of claim 1, wherein the amplification is a  
2 polymerase chain reaction with the primers containing the following sequences:

3           5' CGAGGCGGGTGGATCATGAGGT 3'(SEQ ID NO: 3)

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4 and

5 5' TCTGTCGCCCAGGCCGGACT 3' (SEQ ID NO: 4).

1 6. (Previously Presented) The process of claim 1, wherein the amplification is a  
2 polymerase chain reaction with the primers containing the following sequences:

3 5' GAGATCGAGACCACGGTGAAA 3' (SEQ ID NO: 5)

4 and

5 5' TTTGAGACGGAGTCTCGTT 3' (SEQ ID NO: 6).

1 7. (Previously Presented) The process of claim 1, wherein the measurement step  
2 comprises the step of measuring the amount of the human DNA on an agarose gel stained with  
3 ethidium bromide.

1 8. (Previously Presented) The process of claim 1, wherein the measurement step  
2 comprises the step of measuring the amount of the human DNA by using a qPCR system.

1 9. (Previously Presented) The process of claim 1, wherein the measurement step  
2 comprises the step of measuring the amount of the human DNA by using *TaqMan* chemistry.

1 Claims 10-20. (Canceled)

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1           21. (Previously Presented) A process for quantitating a human DNA in a sample, said  
2 process comprising the steps of:  
3           providing a sample to be analyzed;  
4           amplifying predetermined genomic DNA containing an *Alu* element by using primers,  
5 said *Alu* element being present only in the human genome, the amplification being intra-*Alu*  
6 polymerase chain reaction amplification; and  
7           measuring the amount of the human DNA by comparing the amplified DNA with a  
8 reference.

1           22. (Previously Presented) A process for quantitating a human DNA in a sample, said  
2 process comprising the steps of:  
3           providing a sample to be analyzed;  
4           amplifying predetermined genomic DNA of an *Alu* element subfamily by using primers,  
5 said predetermined genomic DNA including subfamily-specific diagnostic mutations, a copy  
6 number of said predetermined genomic DNA in the human genome being higher than a copy  
7 number of said predetermined genomic DNA in any non-human primate genome, the  
8 amplification being intra-*Alu* polymerase chain reaction amplification; and  
9           measuring the amount of the human DNA by comparing the amplified DNA with a  
10 reference.

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1           23. (Previously Presented) The process of claim 1, wherein each of said primers includes  
2           a subfamily-specific diagnostic mutation.

1           24. (Previously Presented) The process of claim 21, wherein each of said primers  
2           includes a subfamily-specific diagnostic mutation.